

Receiving Report

Date: 14/10/21

Batch No: M129240

Supplier: MELBOURNE COAST

Dart P/O: 24192

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☐ No ☐
 Receipt: Cash ☐ Cr ☐
 New Supplier Yes ☐ No ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☐ No ☒ N/A ☐
 Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC18 Inspection OK 14/10/21 N/A ☒
 Work Order ☐

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Rec'd	Quantity Short	Quantity Inspected	Quantity Rejected	Comment / NCR Number
M303B	2-000X1-250	12	0	12			
M174B	1-250X00200	12	0	12			

Initials of Receiver

QC12

Production/Admin:

Date

Received/Costing

Initial

14/10/21
[Signature]

Location

Page 1 of 1

All amounts are calculated in domestic currency.

All Vendors	PO ID PO24192	Receipt Dates from 5/21/2014 to 5/21/2014	All Line Item Types
All Vendors			

[illegible]

**Castle Metals®**

A. M. Castle & Co.

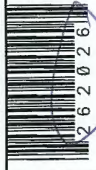
PACKING SLIP/
CERTIFICATE OF CONFORMANCE

Page 1 of 1

Shipment No:2170657

Ship From: A. M. Castle & Co. MONTREAL - CASTLE METALS 835-SELKIRK AVENUE POINTE CLAIRE, QUEBEC H9R 3S2		Sold To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	Ship To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN	Deliver To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA
Date Shipped 20-MAY-2014	F.O.B. ORIGIN	Freight Terms Prepaid	Carrier MANITOULIN	BOL No 2170657-2

Shipment Details	Final Destination Branch - MON
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Order No 3360302	Line No 2	Item No 5054	Description 0.6250.3.0000:FLAT.304.STAINLESS.HR.ANN.PICKLE.132.0000-156 .0000 SPECIFICATIONS: ASTM A276
Purchase Order No 24192	Part Number	Ordered Qty 1.00 PCS	Invoice Qty 12.7500 FT
Details ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #S FORWARD COPY OF P/S TO TRACY (MONTREAL) Email P/s and certs to: clavoie@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS			
Delivery No. 119639192	Mill VALBRUNA CORPORATION	Heat Number  262026	Mech Id 1
		PCS 1	Width (IN)
			Length (IN) 153.0000
			Shipped Qty(LBS) 81.2813

These commodities/technologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited.	
We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.	
Reviewed by Authorized Castle Metals Representative:	Date: Name:

Acciaierie Valbruna S.p.A.



QUALITY MANAGEMENT SYSTEM
CERTIFIED BY LLOYD'S REGISTER

CERTIFICATO DI COLLAUDO ABNAHMEPRUEFZEUGNIS INSPECTION CERTIFICATE CERTIFICAT DE RECEPTION EN 10204 (2004) , 3.1

36100 VICENZA (Italia) - Viale della scienza, 25 z.l.
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4

Cliente / Besteller/Purchaser/Cient
VALBRUNA STAINLESS INC.
2400 TAYLOR STREET WEST
46801-FORT WAYNE, IN 46801-US

Produttore: ACCIAIERIE VALBRUNA S.P.A.
Hersteller/Hersteller/Usine productrice

Avviso di Spedizione: D-V113032395
Lieferanzge/Packing list/B.L.

Ordine nr: 36730
Bestel/Your order/Commande

Certificato nr: MEST423756/2013/
Prüfung/Test/Essai

Conferma ordine nr: E113007899
Works/Our Order/Ref nr.

Marchio di Fabbrica:
Zeichen des Lieferwerkes
Trade mark
Sigle de l'usine productrice



Stato di fornitura: Hot rolled Descaled Annealed Hot rolled
Lieferzustand/Delivery state/Etat de livraison

Tipo di Elaborazione: E+AOD
Erschmelzungsart/Melting process/Mode d'elaboration

Punzone del Collaudatore:
Stempel des Werkssachverständigen
Inspector's stamp/Pointon de l'essayeur



Specifiche:
Anforderungen / Requirements / Exigences

VSI 0 304/304L A
AMS 5647 J S30403 A
ASME SA193 2010 B8 CLASS1 (1)
ASME SA479 2010 S30400/03 A (4)
ASTM A262 2010, PRACTICE E
ASTM A320 2011A B8 CLASS1
ASTM A479 2012 S30400/03 A
NACE MR0175 2009 S30400/03 A (7)

AISI 304/304L
AMS-QQ-S-763 B 304/304L A
ASME SA276 2010 S30400/03 A (2)
ASTM A182 2012B S30400/03 A (5)
ASTM A276 2010 S30400/03 A
ASTM A370 2012A
MIL-S-862 B/1 304/304L
QQ-S-763 F 304/304L A

AMS 5639 H S30400 A
ASME SA182 2010 S30400/03 A (0)
ASME SA320 2010 B8 CLASS1 (3)
ASTM A193 2011A B8 CLASS1
ASTM A314 2008 S30400/03
ASTM A473 2001 S30400/03 (6)
NACE MR0103 2010 S30400/03 A

(0) SEC.II PT.A 2010 EDITION ADD. 2011a
(1) SEC.II PT.A 2010 EDITION ADD. 2011a
(2) SEC.II PT.A 2010 EDITION ADD. 2011a
(3) SEC.II PT.A 2010 EDITION ADD. 2011a
(4) For products machined directly from bar refer to ASTM A479.
(5) For products machined directly from bar refer to ASTM A479.
(6) Chemical analysis only.
(7) Technical circular 1:2011 Published 2011-08-14

(0) For products machined directly from bar refer to ASME SA479.
(1) SEC.II PT.A 2010 EDITION ADD. 2011a
(2) SEC.II PT.A 2010 EDITION ADD. 2011a
(3) SEC.II PT.A 2010 EDITION ADD. 2011a
(4) For products machined directly from bar refer to ASTM A479.
(5) For products machined directly from bar refer to ASTM A479.
(6) Chemical analysis only.
(7) Technical circular 1:2011 Published 2011-08-14

Qualität: T-304L
Werkstoff/Grade/Numéro

Marca:
Herstellerbezeichnung
Brand/Numéro

AISI

Tolleranza: ASTM A484-11 TABLE 5
Toleranz/Allowance/Tolérance

Punzonatura: 304/304L
Kennzeichnung/Marking/Marquage

Pos. nr. Pos. nr. Item nr. Nr. de poste	Oggetto Gegenstand Product description Descript. du produit	Dimensioni - In Abmessungen Dimensions Dimension	Lunghezza - In Länge Length Longueur	Colata Schmelze Heat Coulée	Pezzi Stückzahl Pieces Pièces	Peso - LB Gewicht Weight Poids	Lotto nr. Losn. Lot nr. Lot nr.
0011	Flat	3,0000 x 0,6250	144 / 154	262026		2.326	302206670

TEST ALLO STATO DI FORNITURA

Test on delivery condition Prüfung auf lieferbarem produkt test a l'état de fourniture Prueba sobre el material así como entregado											
TEST	Provetta/Probeten Specimen/Eproben Long diam. Stem Stem diam. Thickn. Width Diam. Thickness Larg. diam. épais mm	°F	Posiz. Stagion Probenlage Location representation 1)	Snervamento Bruchgrenze Yield Stress Limite élastique Rp 0,2% k.s.l.	Snervamento Bruchgrenze Yield Stress Limite élastique Rp 0,2% k.s.l.	Resistenza Zugfestigkeit Tensile strength Résistance à traction Rm k.s.l.	Alungamento Bruchdehnung Elongation Allongement E 4d %	Strizione Bruchdehnung Reduction of area Striction %	RA %	Resilienza Kerbschlagarbeit Impact Value Resilience	Durezza Härte Hardness Dureté HB
Valori richiesti 1 Anforderungen/Required values Valeurs demandées		min max		30	-	75 115	- 40	-	50	-	140 235
A	12,5	68	L	49		91	54		71		183

Mechanical properties according to ASTM A370.

Analisi chimica

Chemische Zusammensetzung/Chemical Analysis/Analyse chimique

Colata /Heat Schmelze/Coulée	min - max 0,030	- 1,00	- 2,00	18,00 20,00	- 1,00	- 1,00	8,00 10,50	- -	- 0,040	0,020 0,030	- 0,100	- -	- -	- -
262026	C %	Si %	Mn %	Cr %	Mo %	Cu %	Ni %	Co %	P %	S %	N %			
	0,028	0,44	1,66	18,33	0,74	0,54	8,06	0,114	0,031	0,029	0,092			

Produced without class I-II Ozone depleting substances.
Solution heat treated free from continuous carbide network.
Annealing temperature: 1940°F for 2 h/water.
Micro and macro etch test: OK
Intergranular corrosion test per ASTM A262 pract. E: ok.
Absence of cracks at 20 x magnification after bend test.
Material is DFARS Compliant

Vicenza, 06/11/13 VC0008 (Mod. MCE2)	Il collaudatore di stabilimento / der Werkssachverständiger / Works inspector / L'agent d'usine M. Rizzotto	Pagina - 1 di 2
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Acciaierie Valbruna S.p.A.



QUALITY MANAGEMENT SYSTEM
CERTIFIED BY LLOYD'S REGISTER

CERTIFICATO DI COLLAUDO ABNAHMEPRUEFZEUGNIS INSPECTION CERTIFICATE CERTIFICAT DE RECEPTION EN 10204 (2004) , 3.1

36100 VICENZA (Italia) - Viale della scienza, 25 z.l.
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4

Cliente / Besteller/Purchaser/Client
VALBRUNA STAINLESS INC.
2400 TAYLOR STREET WEST
46801-FORT WAYNE, IN 46801-US

Produttore: **ACCIAIERIE VALBRUNA S.P.A.**
Hersteller/fabrikant/Usine productrice

Avviso di Spedizione: D-VI13032395
Lieferanzahl/Packing list/B.L.

Ordine nr: 36730
Bestell/Your order/Commande

Certificato nr: MEST423756/2013/
Prüfung/Test/Essai

Conferma ordine nr: EI13007899
Werk/Our Order/Ref nr.

Marchio di Fabbrica:
Zeichen des Lieferwerkes
Trade mark
Sigle de l'usine productrice

Punzone del Collaudatore:
Stempel des Werksachverständigen
Inspector's stamp/Pointon de l'essayeur

Stato di fornitura: Hot rolled Descaled Annealed Hot rolled
Lieferzustand/Delivery state/Etat de livraison

Tipo di Elaborazione: E+AOD
Erhitzungsart/Melting process/Mode d'elaboration

Sono state soddisfatte tutte le condizioni richieste
Die gestellten Anforderungen sind i. d. Anlage erfüllt!
The material has been furnished in accordance with the requirements
Le matériel a été trouvé conforme aux exigences

Controllo antimescolanza: OK
Verwechslungsprüfung: spektralanalytisch durchgeführt
Asmisting testing performed: OK
Contrôle antimélange fait: r.a.s.

Controllo visivo e dimensionale: soddisfa le esigenze
Besichtigung und Ausmessung: ohne Beanstandung
Visual inspection and dimensional checks: satisfactory
Contrôle visuel et dimensionnel: satisfaisant

Melted and manufactured in Italy No welding or weld repair Material free from Mercury contamination
We declare that the finished product is checked for radioactive contamination through Portal System when it leaves the production plant.
The Quality Management System is Certified acc. Pressure Equipment Directive [97/23/EC] Annex 1, s. 4.3 by TUEV and LLOYD'S
Any act of tampering, modification, alteration, counterfeiting and/or falsification and/or any other action which modifies the contents of this test certificate shall constitute a violation of applicable civil and criminal laws. Acciaierie Valbruna shall protect its rights and interests before any competent court, authority and jurisdiction.
The supplied product conforms to requirements expressly requested by the purchaser and conforms to requirements specified by certified norms and standards. Should the product be used for more severe, critical and/or in any case different applications than those the material is generally intended for, any different and/or supplementary requirements shall be specifically demanded, at least, upon order of the Product by the Purchaser. Acciaierie Valbruna SpA shall not be responsible for any improper use of the Products.

mf
14/05/21

Castle Metals FP
HEAT NUMBER 262026
MECHANICAL ID _____
ITEM CODE 5054
LOT NUMBER _____
PO NUMBER 264284
RECEIPT DATE 1-30-14
SUPPLIER VALBRUNA
SPECIFICATION _____
LCS ND
COMMENT _____
APPROVED OH

Vicenza, 06/11/13
VCC008
(Mod. MCE2)

Il collaudatore di stabilimento / der Werksachverständigen / Works Inspector / L'agent d'usine
M. Rizzotto

Pagina - 2 di 2

**Castle Metals®**

A. M. Castile & Co.


PACKING SLIP/
CERTIFICATE OF CONFORMANCE

Page 1 of 1

Shipment No:2170657

Ship From: A. M. Castile & Co. MONTREAL - CASTLE METALS 835-SELKIRK AVENUE POINTE CLAIRE, QUEBEC H9R 3S2		Sold To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA		Ship To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN		Deliver To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	
Date Shipped 20-MAY-2014	F.O.B. ORIGIN	Freight Terms Prepaid		Carrier MANITOULIN	BOL No 2170657-2		

Shipment Details	Final Destination Branch - MON
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Order No 3360302	Line No 3	Item No 5062	Description 0.7500.2.5000.FLAT.304.STAINLESS.HR.ANN.PICKLE.132.0000-156 .0000 SPECIFICATIONS: ASTM A276			
Purchase Order No 24192	Part Number		Ordered Qty 1.00 PCS	Invoice Qty 12.6667 FT		
Details ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #S FORWARD COPY OF P/S TO TRACY (MONTREAL) Email P/s and certs to: clavoie@artaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS						
Delivery No. 119639192	Mill VALBRUNA CORPORATION	Heat Number 	Mech Id	PCS 1	Width (IN)	Length (IN) 152.0000
					Shipped Qty(LBS) 80.7500	

These commodities/technologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited.	
We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castile & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.	
Reviewed by Authorized Castle Metals Representative:	Date: Name:

Acciaierie Valbruna S.p.A.



QUALITY MANAGEMENT SYSTEM
CERTIFIED BY LLOYD'S REGISTER

CERTIFICATO DI COLLAUDO ABNAHMEPRUEFZEUGNIS INSPECTION CERTIFICATE CERTIFICAT DE RECEPTION EN 10204 (2004) , 3.1

36100 VICENZA (Italia) - Viale della scienza, 25 z.l.
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4

Cliente / Besteller/Purchaser/Cliant
VALBRUNA STAINLESS INC.
2400 TAYLOR STREET WEST
46801-FORT WAYNE, IN 46801-US

Produttore: ACCIAIERIE VALBRUNA S.P.A.
Hersteller/Item/Usine productrice

PO 226450

Avviso di Spedizione: D-VI12032363
Lieferanzsiegel/Packing list/BL

Ordine nr: 34002 STOCK CAROL STR
Bestel/Your order/Commande

Tipo di Elaborazione: E+AOD
Erschmelzungsart/Melting process/Mode d'elaboration

Certificato nr: MEST267513/2012/
Prüfung/Test/Essai

Conferma ordine nr: E112007220
Werkz/Our Order/Ref nr.

Marchio di Fabbrica:
Zeichen des Lieferwerkes
Trade mark
Sigle de l'usine productrice



Punzone del Collaudatore:
Stempel des Werkssachverständigen
Inspector's stamp/Pointon de l'essayeur

Stato di fornitura: Descaled Annealed Hot rolled
Lieferzustand/Delivery state/Etat de livraison

Specifiche:
Anforderungen / Requirements / Exigences

VSI 0 304/304L A
AMS 5647 J S30403 A
ASME SA193 2010 B8 CLASS1 (1)
ASME SA479 2010 S30400/03 A (4)
ASTM A262 2010 PRACTICE E
ASTM A320 2011A B8 CLASS1
ASTM A479 2011 S30400/03 A
NACE MR0175 2009 S30400/03 A (7)

ASTM 304/304L
AMS-QQ-S-763 B 304/304L A
ASME SA276 2010 S30400/03 A (2)
ASTM A182 2011A S30400/03 A (5)
ASTM A276 2010 S30400/03 A
ASTM A370 2012
MIL-S-882 B/1 304/304L
QQ-S-763 F 304/304L A

AMS 5639 H S30400 A
ASME SA182 2010 S30400/03 A (0)
ASME SA320 2010 B8 CLASS1 (3)
ASTM A193 2011A B8 CLASS1
ASTM A314 2008 S30400/03
ASTM A473 2001 S30400/03 (6)
NACE MR0103 2007 S30400/03 A

- (0) SEC.II PT.A 2010 EDITION ADD. 2011a
(1) SEC.II PT.A 2010 EDITION ADD. 2011a
(2) SEC.II PT.A 2010 EDITION ADD. 2011a
(3) SEC.II PT.A 2010 EDITION ADD. 2011a
(4) SEC.II PT.A 2010 EDITION ADD. 2011a
(5) For products machined directly from bar refer to ASTM A479.
(6) Chemical analysis only.
(7) ANSI/NACE MR0175/ISO 15156-3, second edition 2009-10-15

- (0) For products machined directly from bar refer to ASME SA479.
(2) SEC.II PT.A 2010 EDITION ADD. 2011a
(4) SEC.II PT.A 2010 EDITION ADD. 2011a
(6) Chemical analysis only.
(7) Technical circular 1:2011 Published 2011-06-14

Qualità: 304/304L
Werkstoff/Grade/Nuance

Marca: AISL
Markenbezeichnung
Brand/Nuance

Tolleranza: ASTM A484-11
Toleranz/Allowance/Tolerance

Punzonatura: 304/304L
Kennzeichnung/Marking/Marquage

Pos. nr. Pos. nr. Item nr. Nr. de poste	Oggetto Gegenstand Product description Descript. du produit	Dimensioni - In Abmessungen Dimension Dimension	Lunghezza - In Länge Length Longueur	Colata Schmelze Heat Coulée	Pezzi Stückzahl Pieces Pièces	Peso - LB Gewicht Weight Poids	Lotto nr. Lotnr. Lot nr. Lot nr.
0060	Flat	2,5000 x 0,7500	144 / 154	259028		2.381	209603720

TEST ALLO STATO DI FORNITURA

Test on delivery condition Prüfung auf lieferbarem produkt test à l'état de fourniture Prueba sobre el material así como entregado

TEST	Provetta/Probstat Sproßstange/Sproßstange Luz. diam. Spoke Spoke Diam. Dicks Wdh. Diam. Thickness Larg. diam. épais mm	°F	Posiz. Saggio Probenlage Lorenz 1)	Snervamento Streckgrenze Yield Stress Limite élasticité Rp 0,2% k.s.l.	Snervamento Streckgrenze Yield Stress Limite élasticité k.s.l.	Resistenza Zugfestigkeit Tensile strength Resistance à traction Rm k.s.l.	Allungamento Bruchdehnung Elongation Allongement E 4d %	Strizione Strechung Reduction of area Striction RA %	Resilienza Kerbschlagarbeit Impact Value Resilience	Durezza Harte Hardness Dureté HB
Valori richiesti 1 Anforderungen/Required values Valeurs demandées	min max			30	-	75 115	- 40	- 50	-	140 235
A	12,5	68	L	47		89	52	70		187

TEST	min	max
A Grain size for ASTM E112		5

1) L=longitudinale/Länge, T=transversale/quer, Q=Tangenziale/tangentiel

Mechanical properties according to ASTM A370.

Analisi chimica

Chemische Zusammensetzung/Chemical Analysis/Analyse chimique

Colata Heat Schmelze/Coulée	min - max 0,030	1,00	2,00	18,00 20,00	1,00	1,00	8,00 10,50	-	0,040	0,020 0,030	0,100	-	-	-	-
259028	C %	Si %	Mn %	Cr %	Mo %	Cu %	Ni %	Co %	P %	S %	N %				
	0,016	0,45	1,77	18,29	0,38	0,40	8,02	0,123	0,033	0,026	0,092				

Produced without class I-II Ozone depleting substances.
Solution heat treated free from continuous carbide network.
Annealing temperature: 1940°F for 1 h/water.
Micro and macro etch test: OK
Intergranular corrosion test per ASTM A262 pract. E: ok.
Material is DFARS Compliant

Vicenza, 08/11/12 VC0003 (Mod. MCE2)	Il collaudatore di stabilimento / der Werkssachverständiger / Works inspector / L'agent d'usine M. Rizzotto	Pagina - 1 di 2
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Acciaierie Valbruna S.p.A.



QUALITY MANAGEMENT SYSTEM
CERTIFIED BY LLOYD'S REGISTER

36100 VICENZA (Italia) - Viale della scienza, 25 z.i.
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4

Cliente / Besteller/Purchaser/Client
VALBRUNA STAINLESS INC.
2400 TAYLOR STREET WEST
46801-FORT WAYNE, IN 46801-US

Produttore: **ACCIAIERIE VALBRUNA S.P.A.**
Hersteller/Item/Usine productrice

Stato di fornitura: Descaled Annealed Hot rolled
Lieferzustand/Delivery state/Etat de livraison

Sono state soddisfatte tutte le condizioni richieste
Die gestellten Anforderungen sind lt. Anlage erfüllt
The material has been furnished in accordance with the requirements
Le matériel a été trouvé conforme aux exigences

Controllo antimescolanza: OK
Verwechslungsprüfung: spektralanalytisch durchgeführt
Antimixing testing performed: OK
Contrôle antimélange fait: r.o.s.

Avviso di Spedizione: D-VI12032363
Lieferanzettel/Packing list/B.L.

Ordine nr: 34002 STOCK CAROL STR
Bestell/Your order/Commande

Tipo di Elaborazione: E+AOD
Erschmelzungsart/Melting process/Mode d'elaboration

CERTIFICATO DI COLLAUDO ABNAHMEPRUEFZEUGNIS INSPECTION CERTIFICATE CERTIFICAT DE RECEPTION EN 10204 (2004) , 3.1

Certificato nr: MEST267513/2012/
Prüfung/Test/Essai

Conferma ordine nr: E112007220
Werks/Our Order/Ref. nr.

Marchio di Fabbrica:
Zeichen des Lieferwerkes
Trade mark
Sigle de l'usine productrice

Punzone del Collaudatore:
Stempel des Werksachverständigen
Inspector's stamp/Plombon de l'assesseur



Controllo visivo e dimensionale: soddisfa le esigenze
Besichtigung und Ausmessung: ohne Beanstandung
Visual inspection and dimensional checks: satisfactory
Contrôle visuel et dimensionnel: satisfaisant

Melted and manufactured in Italy No welding or weld repair Material free from Mercury contamination
We declare that the finished product is checked for radioactive contamination through Portal System when it leaves the production plant.
The Quality Management System is Certified acc. Pressure Equipment Directive [97/23/EC] Annex 1, s., 4.3 by TUEV and LLOYD'S
Any act of tampering, modification, alteration, counterfeiting and/or falsification and/or any other action which modifies the contents of this test certificate shall constitute a violation of applicable civil and criminal laws. Acciaierie Valbruna shall protect its rights and interests before any competent court, authority and jurisdiction.
The supplied product conforms to requirements expressly requested by the purchaser and conforms to requirements specified by certified norms and standards. Should the product be used for more severe, critical and/or in any case different applications than those the material is generally intended for, any different and/or supplementary requirements shall be specifically demanded, at least, upon order of the Product by the Purchaser. Acciaierie Valbruna SpA shall not be responsible for any improper use of the Products.

Castle Metals FP

HEAT NUMBER 259028
MECHANICAL ID _____
ITEM CODE 5062
LOT NUMBER _____
PO NUMBER 226450
RECEIPT DATE 5-28-13
SUPPLIER VAIBRUNA
SPECIFICATION _____
LCS ND
COMMENT _____
APPROVED BT

Vicenza, 08/11/12

VCO009
(Mod. MCE2)

Il collaudatore di stabilimento / der Werksachverständige / Works inspector / L'agent d'usine

M. Rizzotto

Pagina - 2 di 2



PACKING SLIP/
CERTIFICATE OF CONFORMANCE


A. M. Castle & Co.

Page 1 of 1

Shipment No:2170657

Ship From: A. M. Castle & Co. MONTREAL - CASTLE METALS 835-SELKIRK AVENUE POINTE CLAIRE, QUEBEC H9R 3S2		Sold To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA		Ship To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN		Deliver To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	
Date Shipped 20-MAY-2014	F.O.B. ORIGIN	Freight Terms Prepaid	Carrier MANITOULIN	BOL No 2170657-2			

Shipment Details	Final Destination Branch - MON
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Order No 3360302	Line No 1	Item No 4885	Description 1.0000.SQ:303.STAINLESS.CD.ANN.132.0000-156.0000 SPECIFICATIONS: ASTM A582				
Purchase Order No 24192	Part Number	Ordered Qty 1.00 PCS	Invoice Qty 13.0000 FT				
Details ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #S FORWARD COPY OF P/S TO TRACY (MONTREAL) Email P/s and certs to: clavoie@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS							
Delivery No. 119639755	Mill VALBRUNA CORPORATION	Heat Number 	Mech Id	PCS 1	Width (IN)	Length (IN) 156.0000	Shipped Qty(LBS) 44.2000

These commodities/technologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited.	
We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.	
Reviewed by Authorized Castle Metals Representative:	Date: Name:



VALBRUNA
SLATER STAINLESS, INC.
2400 TAYLOR STREET WEST - PO BOX 630
FORT WAYNE IN 46802 USA
PHONE 260.434.2800 - FAX 260.434.2801

Product Certification Report

Report Number: **4991640**

Certified on Apr 22, 2014 Page 1 of 1

Order I.D. 1400371 001		Order Date 2/06/14		Commodity Code 4885	
Dim 1 1.0000	Dim 2 .0000	Dim 3 .0000	Heat I.D. 260937	Customer I.D. 001123	Customer Purchase Order 266020
Product Shape Cold Drawn Squares			Product Surface Cold Drawn Finish		Customer Grade 303
Length (Inches) 132.000 Min. 156.000 Max.			Bill of Lading # 420649	Weight	

Ship To
CASTLE METALS
3400 NORTH WOLF ROAD
FRANKLIN PARK, IL 60131

Sold To
VALBRUNA STAINLESS, INC.
2400 TAYLOR STREET WEST
FORT WAYNE, IN 46802

OK 14/05/21

Lifts: 0051

AISI 303
UNS S30300
AMS 5640U TYPE 1

Condition A
ASTMA 484-12

3303-22 REV 31
ASTMA 582-12e1

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cr	Ni	Mo	Cu	Co	N
.049	1.84	.030	.25	.51	17.00	8.08	.48	.56	.16	.02

BRINELL HARDNESS ASTM E10-12

HBW
223

TENSILE PROPERTIES ASTM E8-13a

TS (PSI)	.2%YS (PSI)	%EL(2")	%RA
104500	64800	44.1	58.2

MACRO ASTM E340-00/E381-01

MACRO
OK

No welding or weld repair done.
Material when shipped is free from contamination by mercury, radium, alpha source, and low melting elements.
Reduction Ratio Exceeds 4:1
Electric Furnace melted; AOD refined.
Chemical testing to one or more of the listed ASTM methods:
E415-08, E572-02a, E1019-11, E1085-95, E1086-08.
Location of tensile fracture: inside middle of gage length.
Chemical Analysis performed at Acciaierie Valbruna, Italy.
No mercury or low melting alloy contamination. No weld repair.
Material melted in Italy, manufactured in the United States.
Material conforms to listed specifications and is DFARS compliant.
Quality system is compliant with ISO 9001:2008. Produced in accordance with EN 10204 3.1.

Results relate only to the items tested. Certification shall not be reproduced except in full, without written approval of Valbruna Stainless Inc. The recording of false, fictitious, or fraudulent statements on this document may be punished as a felony under federal statutes. Including Federal law Title 18, Chapter 47. Consult material safety data sheet (MSDS) for hazard info.
I hereby certify that the reported figures are correct as contained in the records of the corporation.

Manager Laboratory Services

Dennis Hackett

email: DHackett@valbruna.us

Dennis Hackett

Castle Metals FP

HEAT NUMBER 260937
MECHANICAL ID _____
ITEM CODE 4885
LOT NUMBER _____
PO NUMBER 266020
RECEIPT DATE 5-2-14
SUPPLIER VAIBRUNA
SPECIFICATION _____
LCS NO
COMMENT _____
APPROVED Bj



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO24192

Purchase Order Date 5/13/2014

PO Print Date 5/13/2014

Page Number 1 of 3

Order From : VC-MET001
METAUX CASTLE
A.M. CASTLE & CO. (CANADA) INC. - C/O 910720
P.O. BOX 4090 STN A
TORONTO, ON M5W OE9
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAKED
05/13/13

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	514 694 9575	Customer POID	
		Customer Tax #	10127-2607
Ship To Contact		Terms	Net 10
Ship To Phone		Currency	CAD
Ship Via:	VENDOR'S TRUCK	FOB	FCA - (Free Carrier)
Ship Acct:			

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M303B1.000X1.000 MATERIAL: AISI 303 SS BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE	303 BAR 1" X 1"	5/29/2014 Yes 5/29/2014		12.00 f	\$15.00	\$180.00
Line Total:							\$180.00
2	M303B2.000X1.750 MATERIAL: AISI 303 SS BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE	303 BAR 2" X 1.750"	5/29/2014 Yes 5/29/2014		12.00 f	\$106.48	\$1,277.76
Line Total:							\$1,277.76

Note:

5/13/2014



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO24192**

Purchase Order Date 5/13/2014

PO Print Date 5/13/2014

Page Number 2 of 3

Order From : VC-MET001
METAUX CASTLE
A.M. CASTLE & CO. (CANADA) INC. - C/O 910720
P.O. BOX 4090 STN A
TORONTO, ON M5W OE9
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 514 694 9575

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 10

Currency

CAD

FOB

FCA - (Free Carrier)

3	M304B0.625X3.000	304 BAR .625 X 3.00	5/29/2014 Yes 5/29/2014	12.00 f 12-75	\$24.42	\$293.04
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MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE
AS PER ASTM A276 OR ASTM A240

NOTE: AISI 303 NOT ACCEPTABLE

Line Total: \$293.04

4	M304B0.750X2.500	304 BAR .750 X 2.50	5/29/2014 Yes 5/29/2014	12.00 f 12.6667	\$26.25	\$315.00
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MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE
AS PER ASTM A276 OR ASTM A240

NOTE: AISI 303 NOT ACCEPTABLE

Line Total: \$315.00

5	M174B1.250X02.000	17-4 SS Bar 1.250 x 2.00	5/29/2014 Yes 5/29/2014	12.00 f	\$68.25	\$819.00
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MATERIAL: 17-4 PH SS BAR AS PER AMS 5604/5643
GRAIN MUST BE ALONG LENGTH OF BAR
MINIMUM YIELD TENSILE STRENGTH = 100KSI
MINIMUM ULTIMATE TENSILE STRENGTH = 150KSI

Note:

5/13/2014



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO24192**

Purchase Order Date 5/13/2014

PO Print Date 5/13/2014

Page Number 3 of 3

Order From : VC-MET001
METAUX CASTLE
A.M. CASTLE & CO. (CANADA) INC. - C/O 910720
P.O. BOX 4090 STN A
TORONTO, ON M5W OE9
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 514 694 9575

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 10

Currency

CAD

FOB

FCA - (Free Carrier)

Line Total: \$819.00

6	71401-45	PROCUREMENT QUALITY CLAUSES	5/29/2014	1.00	\$0.00	\$0.00
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No

5/29/2014

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality document

Line Total: \$0.00

PO Total: \$2,884.80

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 5/13/2014